

[Intelligent management switch with emergency calling functionality]

Abstract of Disclosure

A management switch includes a central processing unit (CPU), network ports, a modem, an RS-232 serial port for establishing communications with a server over a serial cable or with the modem, and a memory for storing programs and data. The memory holds a network management program for analyzing network traffic on the network ports, identifying an emergency condition according to the network traffic, and generating an associated emergency condition identifier; a contact telephone number; emergency messages, and an emergency call-out program. The emergency call-out program utilizes the modem to dial the contact telephone number and send an emergency message determined by the emergency condition identifier. A switch causes the RS-232C port to communicate either with the server or with the modem.

Figures

Figure 1: A line graph showing the relationship between the number of figures and the number of pages. The x-axis represents the number of figures (0 to 10) and the y-axis represents the number of pages (0 to 10). The data points are (0, 0), (1, 1), (2, 2), (3, 3), (4, 4), (5, 5), (6, 6), (7, 7), (8, 8), (9, 9), and (10, 10). The line is a straight line with a slope of 1, indicating a direct proportionality between the number of figures and the number of pages.